

SINCE 1969

HOLY SCIENTIFIC

THE ULTIMATE SOLUTION OF LAB INSTRUMENTS



**BETTER TECHNOLOGY & BEST QUALITY
WITH FAST SERVICE**

LAB INSTRUMENTS

SCIENTIFIC INSTRUMENTS

LAB EQUIPMENTS

LAB INSTRUMENTS

TESTING KITS

SCIENTIFIC KITS

LABORATORY GLASS WARES

LABORATORY PLASTICWARES

LABORATORY CHAMICALS

BOMB CALORIMETER

INTRODUCTION:

HOLYSCIENTIFIC is one of the leading science equipment manufacturer & exporter of science equipments, science instruments, lab equipments, lab instruments, testing equipments, testing instruments, like Digital bio-safety cabinet, vertical & horizontal laminar air flow cooling & heating instruments like ultra low temperature deep freezers, BOD incubators, hot air oven, muffle furnace, microscope, fume hood environmental test chamber, water distillation plant, SDI kit, ocean grapy meter, water testing kit, PH meter, soil samplers & all types of laboratory & science instruments.

This laboratory & scientific instruments used for laboratory sterilization, clean room, microbiology, pathology, bio technology, pharmaceuticals, seed & soil testing, metallurgical, food processing, customized instruments

HOLY SCIENTIFIC

C-2 (6) plot no.: 67 /3 GIDC estate, phase – 1 Vatva, Ahmedabad
Gujarat-382445
Contact us: +91(079) 40085092/ 93/ 94 mobile: - +91-09427000891
Fax: 25834006
www.holyscientific.com

BOMB CALORIMETER

BOMB CALORIMETERSCOPE:-

We are the leading manufacturer of BOMB CALORIMETER in region. Our bomb calorimeters are widely used for day to day determination of Calorific value Liquids & Solids. We specialize in both standard and customized models, specifically designed to meet the challenging demands of various scientists for individual and specialized research applications. Over a short period of time RASAYAN brand have been established as reliable exporters of bomb calorimeter in India. Apart from that we are supplying our bomb calorimeter in India, catering to a variety of customers ranging from Defense Installations, Research Laboratories, Educational Institutes and various R and D laboratories of leading national and multinational companies.

CONSTRUCTION:-

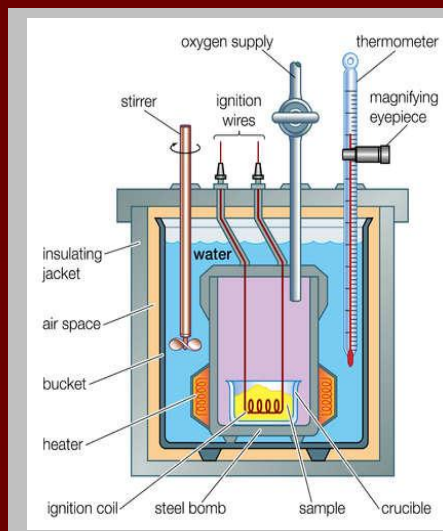
Calorimeter Vessel: The Vessel is made of copper and is chromium plated or S.S.it includes a Bomb support that ensures proper positioning of Bomb in the vessel.

Water Jacket: The outer container of jacket is made of copper and is chromium plated both inside and outside or SS. The top of the container made of M.S or S.S with electrical connector so that connections can be made from the firing control.

- RELIABLE
- VERSATILE USAGE.
- MICRO-PROCESSOR BASED CONTROLLERS
- AESTHETICALLY DESIGNED
- ENERGY EFFICIENT
- VOLT METER FOR VOLT MONITORING

USEFUL FOR BIOMEDICAL, PATHOLOGY, MICROBIOLOGY, PHARMACEUTICALS, FOOD PROCESSING ETC.

BOMB CALORIMETER



**BETTER TECHNOLOGY & BEST
QUALITY WITH FAST SERVICE**

- Precise control of environmental parameters
- ISI marked motorized stirrer.
- Sturdy construction
- Low maintenance.

Offset Stirrer: The stirring mechanism supplied gives sufficient turbulence for effective stirring, whilst no heat is imparted to the calorimeter water. It consists of an impeller driven by a stirrer at a constant speed. The offset arrangement whereby the motor drives the impeller via belt precludes any possibility of heat transference between motor and Calorimeter Vessel contents.

Electronic Firing Unit with Digital Thermometer: The unit incorporates a Digital Thermometer for the precise measurement of the Rise in Temp. and an electronic circuitry that provided an electrical means for firing the samples. Socket for stirrer & terminals for fuse wire are also provided at the back side of the unit.

Crucible: Various types of crucible are available but the standard supplied with the outfit being a stainless steel crucible of 8ml. capacity which fits in the standard support ring provided with the outfit.

Oxygen supply: push type of valve for oxygen supply to help the sample super fast burning

Temperature rise detection: automatic

Calorific value calculation: automatic

Weight of sample input: manual through touch pad

BETTER TECHNOLOGY & BEST QUALITY WITH FAST SERVICE

OPTIONAL

- **Original A- grade NICROM wire : 100/- per meter**
- **Thermal printer : 9000/- extra.**
- **PC communication through SD card: 12000/- extra.**

Images shown in the catalog is for reference only due to the continue up gradation original unit may be differ from it.
RASAYAN reserve all the rights to change the specification & feature without any notice

MFG.BY

HOLY SCIENTIFIC

C-2(6), 67/3, G.I.D.C, Estate, Phase-1, Nr. Maneck Chawk Co-Opp. Bank, Vatva
Ahmedabad – 382 445 (Gujarat).

Tel No: 079-25831006, 40085092 Telefax: 079-25834006 (M) No. 9427000891

Email:holyscientific@gmail.com